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**Patents** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Appl. No.

10/519,267

U.S. Filing Date

December 27, 2004

Applicant

Robert Martin Dickson, et al.

Title

Nano-Sized Optical Fluorescence Labels and

Uses Thereof

TC/AU

1641

Examiner

Unknown

Atty. Docket No.

17625-0073

Customer No.

29052

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The citation of information on the attached two page Form PTO-1449, "Supplemental Information Disclosure Statement By Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, and more specifically, § 1.97(b)(3). A copy of each cited item is enclosed.

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Elizabeth Cary Miller - Reg. No. 54,708

U.S.S.N.: 10/519,267

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December 27, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. § 1.97(b)(3), applicants have not submitted herewith a filing fee because this information is being submitted prior to the mailing of the first Office action on the merits in this case. However, if any fees are associated with this filing, the Patent Office is hereby authorized to charge such fees to Deposit Account 19-5029.

Respectfully submitted,

By:

Elizabeth Cary Mille

Reg. No. 54,708

Date: December 16, 2005

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Attorney Docket No.: 17625-0073

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STATEMENT BY APPLICANT
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of

Complete if Known		
Application Number	10/519,267	
Filing Date	December 27, 2004	
First Named Inventor	Robert Martin Dickson, et al.	_
Art Unit	1641	
Examiner Name		
Attorney Docket Number	17625-0073	_

## NON PATENT LITERATURE DOCUMENTS

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book,	T
Initials*	No.1	magazine, journal, serial, symposium, catalog etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BALOGH, et al., (1998) "Poly(amidoamine) Dendrimer-Templated Nanocomposites. 1. Synthesis of Zerovalent Copper Nanoclusters", J. Am. Chem. Soc., 120:7355-7356.	
		BOUCHAMA, et al., (2004) "Self-Assembly of a Hexagonal Phase of Wormlike Micelles Containing Metal Nanoclusters", Langmuir, 20:477-483.	
		BROUSSEAU III., et al., (1999) "Assembly of Phenylacetylene-Bridged Gold Nanocluster Dimers and Trimers",  Adv. Mater., 11:447-449.	
		CHECHIK, et al., (1999) "Self-Assembled Inverted Micelles Prepared from a Dendrimer Template: Phase Transfer of Encapsulated Guests", J. Am. Chem. Soc., 121:4910-4911.	
		FLORIANO, et al., (2001) "Cu(0) Nanoclusters Derived from Poly(propylene imine) Dendrimer Complexes of Cu(II)", J. Am. Chem. Soc., 123:10545-10553.	
		GARCIA, et al., (1999) "Preparation and Characterization of Dendrimer-Gold Colloid Nanocomposites", Anal. Chem., 71::256-258.	
		GRÖHN, et al., (1998) "Nanoparticle Formation within Dendrimer-Containing Polymer Networks: Route to New Organic-Inorganic Hybrid Materials", <i>Macromolecules</i> , 34:2179-2185.	
		PÁDUA, et al., (1997) "On the Geometry and Conformation of Starburst Dendrimers", <i>Journal of Mathematical Chemistry</i> , 22: 97-106.	
-		PETTY, et al., (2004) "DNA-Templated Ag Nanocluster Formation", J. Am. Chem. Soc., 126:5207-5212.	
		SLOCIK, et al., (2002) "Monoclonal Antibody Recognition of Histidine-Rich Peptide Encapsulated Nanoclusters", Nano Letters, American Chemical Society, 2:169-173.	
		SLOCIK, et al., (2003) "Biomimetic Mineralization of Noble Metal Nanoclusters", Biomacromolecules, 4:1135-1141.	
		STORHOFF, et al., (1999) "Programmed Materials Synthesis with DNA", Chem. Rev., 99:1849-1862.	
		VELARDE-ORTIZ, et al., (2002) "A Poly(propylene imine) (DAB-Am-64) Dendrimer as Cu <sup>2</sup> + Chelator for the Synthesis of Copper Oxide Clusters Embedded in Sol-Gel Derived Matrixes", Chem. Mater., 14:858-866.	
		ZHAO, et al., (1998) "Preparation of Cu Nanoclusters within Dendrimer Templates", J. Am. Chem. Soc.,120:877-4878.	
*		ZHAO, et al., (1999) "Dendrimer-Encapsulated Pt Nanoparticles: Synthesis, Characterization, and Applications to Catalysis", Advanced Materials, 11:217-220.	
		ZHAO, et al., (1999) "Intradendrimer Exchange of Metal Nanoparticles," Chem. Mater., 11:3379-3385.	
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Examiner Signature		Date Considered	1

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